

## ABSTRACT OF THE DISCLOSURE

Methods and apparatus for sterilizing heat sensitive fluids are provided. The methods include providing a first heat sensitive fluid component, providing a second fluid component, heating the second fluid component to a temperature greater than a predetermined sterilizing temperature, mixing the first heat sensitive fluid component with the heated second fluid component to heat the first heat sensitive fluid components and provide a mixed fluid at a temperature at least up to the predetermined sterilizing temperature, and maintaining the mixed fluid at that temperature for a predetermined sterilizing period. Apparatus for carrying out this method is also provided.

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